

Project & Program Manager Quarterly Update

Governing Board Meeting - August 6, 2020

Overview

- Tree Planting
 - Lessons learned from the last Tall Pot Project
- Trail Inventory Project
 - Identifying the design elements and needed improvements of the Jordan River Parkway
- Weed Management/CWMA
 - Developing best practice documents
 - Milkweed
 - Herbicide spraying (available soon!)
 - Mowing (available soon!)
 - Puncturevine bounty program launched

Tree Planting



Tree Planting

- 2018-2019 Tall Pot Project: ~25% survival rate
 - Mortality
 - Cows (Legacy Nature Preserve)
 - Lack of water
 - Highly saline soil (Millcreek Confluence)
 - Trees washed away (Walden & Big Bend)
 - Competition with weeds and other trees/shrubs growing in cages
- Lessons Learned
 - Planting methods to try:
 - Before planting, fill hole 2x with water and let drain (Scott Peter's recommendation from Arizona Tall Pot Project--80% survival rate)
 - Secure cages to prevent grazing (cows) and harm from beavers

Tree Planting

- Lessons Learned (cont.)
 - Careful site selection
 - Soil tests
 - Measure pH and salinity levels to help in site selection
 - Water access and water table level
 - NRCS recommendation: monitor potential planting locations for a year before planting, and if the ground water level drops more than 3 feet in the growing season, choose another spot.
 - We might not have a way around this in many locations. May need supplemental water until established
 - Be aware of seasonal changes at site (e.g. flooding)

Tree Planting

- Lessons Learned (cont.)
 - Who will take care of the trees after planting?
 - Plant at right time of year:
 - Tom Glass's recommendation between 10/20 and 4/15
 - NRCS recommendation between November and February
 - Name or label each tree to help with GIS tracking
 - (15-30 ft accuracy makes it difficult otherwise)
- Next round: develop an application for land owners/managers to apply for the trees
 - Evaluate site (soil test, appropriateness of area, how many trees the area can support, etc)
 - We provide the trees, they provide the water

Tree Planting

- We will need help from all of our partners to identify interested landowners (public or private) who would like to apply for trees this fall
- This includes YOU!
 - We are currently working on the application
 - We are currently growing 500 peachleaf willows and 500 fremont cottonwoods
 - Ready to plant late October 2020 - April 2021
 - Email moriahjackson@utah.gov with any questions

Trail Inventory Project

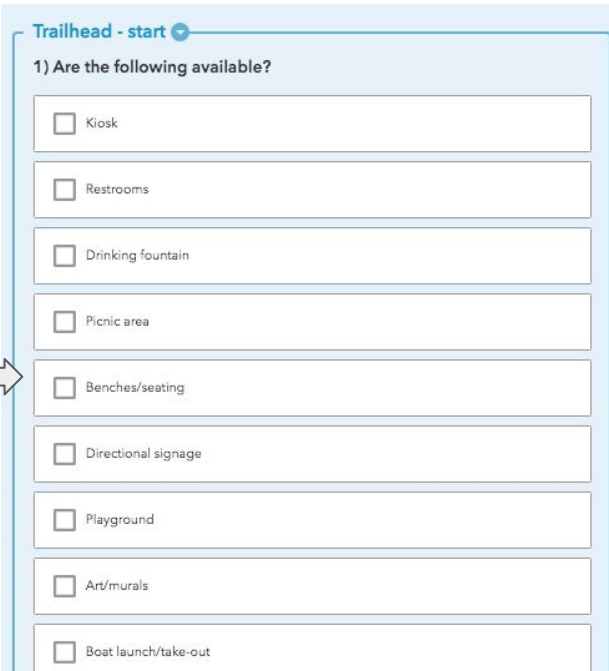
Trail Inventory Project

- Ongoing project to identify what and where things are on the Parkway
 - Main focus: to identify the different design elements/aspects of Parkway features such as:
 - Benches
 - Bridges
 - Garbage cans
 - Pavement widths
 - Signage
 - Also to identify pavement issues and safety concerns
- Help from Wasatch Adaptive
 - Helped identify accessibility issues
- Two part time interns from the U of U

Trail Inventory Project

- Data collected from ArcGIS Survey123 and QuickCapture (a field data collection app. Uses photos and geolocation)

Survey123



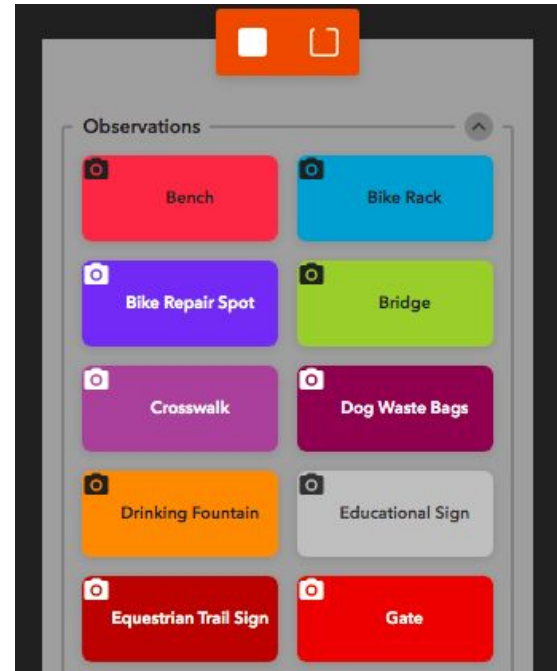
Trailhead - start

1) Are the following available?

<input type="checkbox"/>	Kiosk
<input type="checkbox"/>	Restrooms
<input type="checkbox"/>	Drinking fountain
<input type="checkbox"/>	Picnic area
<input type="checkbox"/>	Benches/seating
<input type="checkbox"/>	Directional signage
<input type="checkbox"/>	Playground
<input type="checkbox"/>	Art/murals
<input type="checkbox"/>	Boat launch/take-out

An arrow labeled "Survey123" points to the left side of the form.

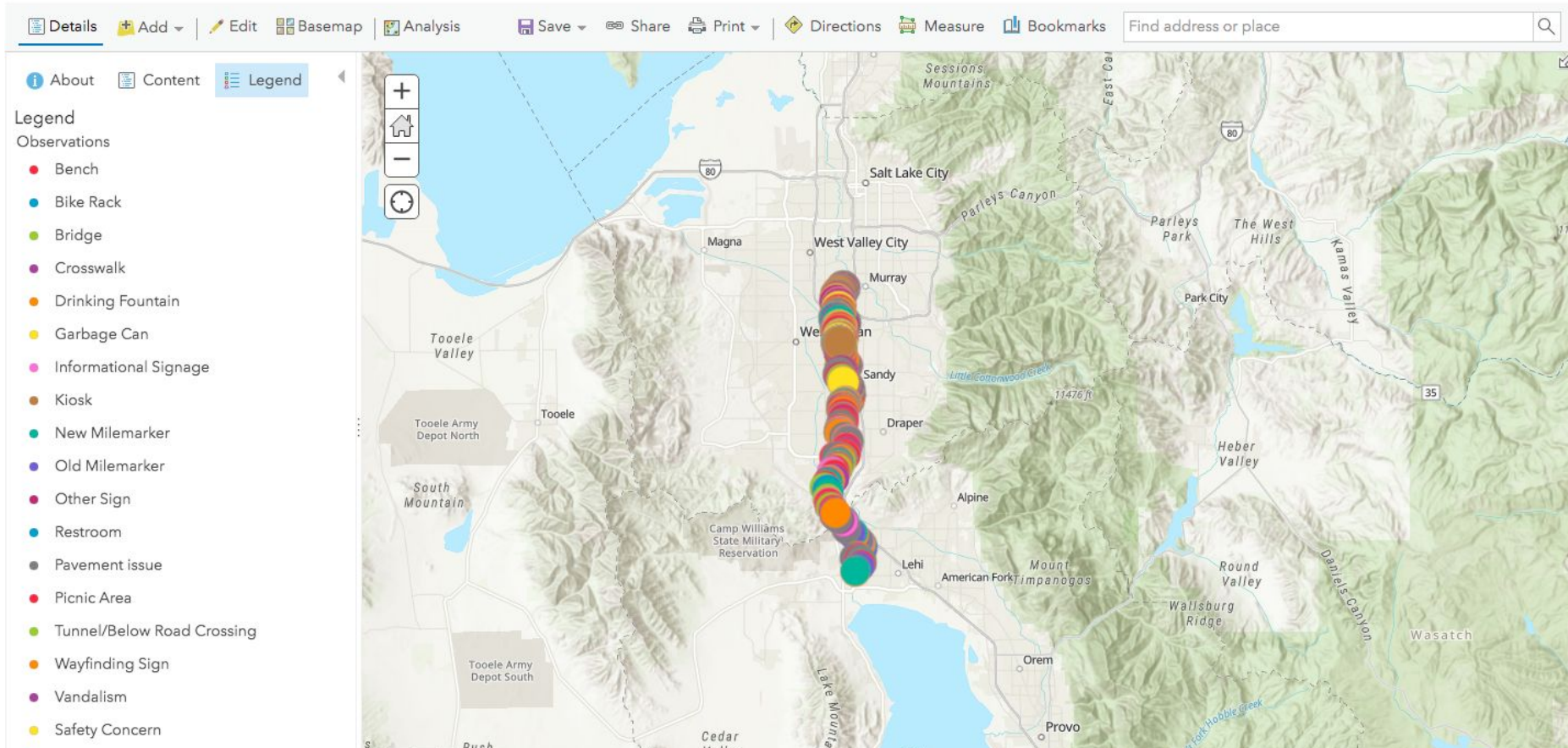
QuickCapture



Observations

<input type="checkbox"/> Bench	<input type="checkbox"/> Bike Rack
<input type="checkbox"/> Bike Repair Spot	<input type="checkbox"/> Bridge
<input type="checkbox"/> Crosswalk	<input type="checkbox"/> Dog Waste Bags
<input type="checkbox"/> Drinking Fountain	<input type="checkbox"/> Educational Sign
<input type="checkbox"/> Equestrian Trail Sign	<input type="checkbox"/> Gate

An arrow labeled "QuickCapture" points to the right side of the form.



QuickCapture Data Map Results



Lehi



Lehi



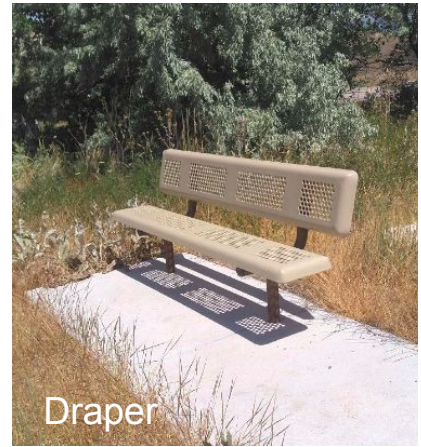
Lehi



South Jordan

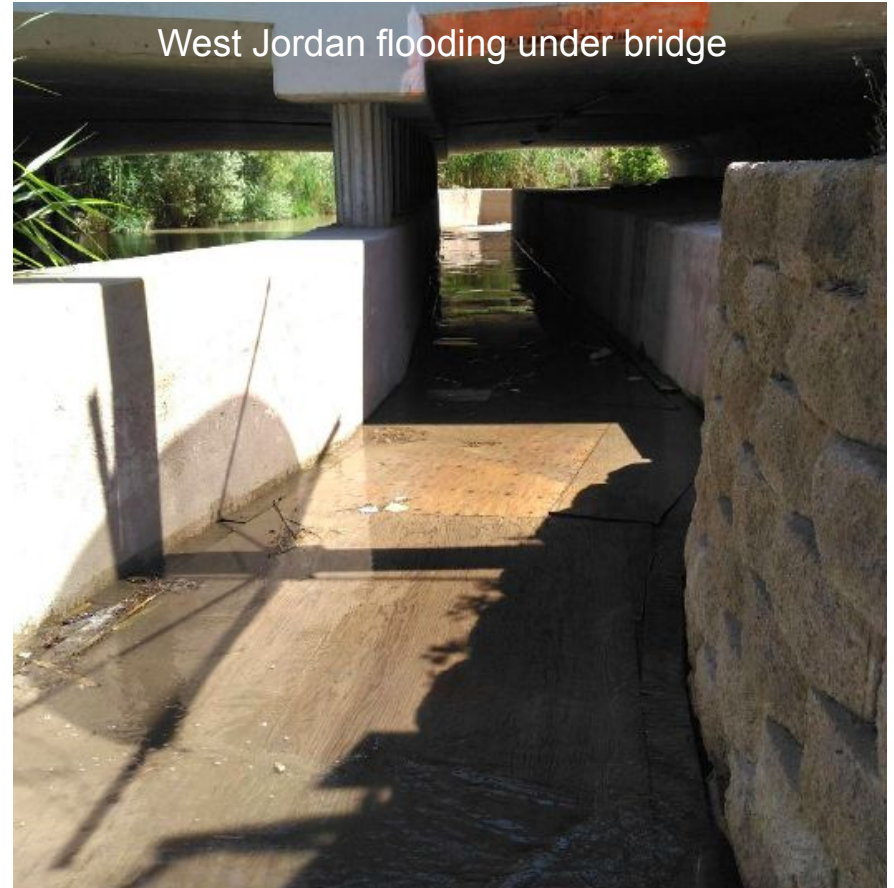


Midvale/Sandy



Draper

Example: different types of benches on the Parkway



Example: pavement issues & safety concerns

Weed Management/CWMA

Weed Management/CWMA

- Developing best practice documents
 - Herbicide spraying (available soon!)
 - Mowing (available soon!)
 - Milkweed ID document (available upon request)



Don't Spray me! I'm Milkweed!

There are approximately 15 different milkweed species native to Utah. Milkweeds are critical to monarch butterflies, which are endangered! In fact, the milkweed species is the only plant that monarch larvae feed on. Without these special plants, monarch butterflies would cease to exist! Please help spread the word to help protect these valuable habitats!

Monarch Caterpillar
Photo: University of New Hampshire Extension

FACT
Did you know that the toxic substances inside milkweed help make monarchs unpalatable to birds and other predators?

Milkweed Species Common to Utah

Identification

If you break open a milkweed stalk or leaf, you will find a milky white substance called latex.
Photo: Utah Monarch Conservation

Flowers grow in a spherical, umbrella-like shape. Depending on the species, they range in color from white, pink, purple, yellow, orange or red.
Photo: US Forest Service

In late summer, seed pods release seeds with a fluffy, and soft "pappus" that help propel the seeds in the wind.

Showy Milkweed
Asclepias speciosa
Photo: Monarch Watch

Swamp Milkweed
Asclepias incarnata
Photo: North Carolina State Extension

Antelope Horns/ Spider Milkweed
Asclepias asperula
Photo: Native Plant Society of Texas

BROUGHT TO YOU BY:

STAY CONNECTED
johnhutchingsmuseum.org
info@hutchingsmuseum.edu
jordanrivercommission.com
info@jordanrivercommission.com

JOHN HUTCHINGS MUSEUM
1900
OUR RIVER OUR FUTURE



Weed Management/CWMA

- Puncturevine Bounty Program
 - Active now
 - Offering \$2 per pound pulled - limited funding rolled over from last year
 - Qualifying organizations OR pull and donate money to a qualifying organization



Photo source: Utah Pests, USU

Education Outreach Quarterly Update

Overview

- City Nature Challenge - April 24-27 2020
- COVID-19 adapted Volunteer Events
- Latino Conservation Week - July 18-26 2020
- Golden Spoke Bike Ride
- Get To The River Festival - September 2020

City Nature Challenge 2020

The City Nature Challenge is an annual international effort encouraging people to find and document plants and wildlife in cities around the globe using iNaturalist.

From April 24-27, 2020, partner organizations from 8 counties (Box Elder, Cache, Davis, Salt Lake, Summit, Utah, Wasatch, Weber) came together as one project area called The Wasatch.

2020 proved to be a record-breaking year of participation in Utah, with more people, observations of nature, and species identified than ever before!



Volunteer Events



Volunteer events have slowly resumed with considerations in place to keep everyone safe and healthy by following local guidelines for masks and social distancing.

Volunteers have participated in trail cleanups, Scotch Thistle removal, the Puncturevine Bounty Program, and Canoe Cleanups.

Latino Conservation Week 2020

Latino Conservation Week was celebrated largely online with virtual events hosted by a collaborative group of partners including Latino Outdoors, Tracy Aviary, Artes de Mexico en Utah, Hartland Communities 4 Youth & Families, Wasatch Community Gardens, The Hutchings Museum, Southern Utah Wilderness Alliance, & Sierra Club Utah.

Events included radio *charlas*, a #RecreateResponsibly photo contest, virtual (distance) meetup & cleanup, and FaceBook live programming.



Golden Spoke



The Golden Spoke will be open for participants to explore 170 miles of connected trails and from Provo to Ogden including connecting trails east and west of the main route.

Riders are encouraged to ride any time and will receive a Golden Spoke buff to commemorate the 2020 Golden Spoke Ride.

Get To The River Festival

The Get to the River Festival is a month long series of community events centered on the Jordan River and Jordan River Parkway.

During 30 days in September, cities and counties along the river will host events near their section that help celebrate, protect and restore the Jordan River.

This year's events include -

- Murray City Chalk Art Festival
- West Valley City Jordan River Bioblitz
- Outdoor Afro canoe paddle
- Bluffdale Rocks Jordan River geocache hunt
- Keep Glendale Beautiful Canoe Cleanup
- Golden Spoke bike ride
- Murray City Virtual 5k
- North Salt Lake Community paddle

